|       |             | li           | nd       | ex       | 01       | F C    | lai     | m        | s            |     |             |          |              |         | A            | pp   | lica           | atic     | n/C      | C r             | ntrol    | I   | lo.   |            |          | A <sub>I</sub> | ppl<br>eex | ica<br>an | nt(<br>nina | s)/<br>atio | Pat<br>on     | tent    | t u      | nder |          |
|-------|-------------|--------------|----------|----------|----------|--------|---------|----------|--------------|-----|-------------|----------|--------------|---------|--------------|--|----------------|----------|----------|-----------------|----------|-----|-------|------------|----------|----------------|------------|-----------|-------------|-------------|---------------|---------|----------|------|----------|
|       |             |              |          |          |          |        |         |          |              |     |             |          |              |         | 1            | O/F  | 356            | 51       | 16       |                 |          |     |       |            |          | P              | Αιι        | KS        | ۲Н۶         | ΓO          | М             | IICI    | НΔ       | EL   | v        |
|       |             | Ш            |          |          | Ш        |        |         |          | Ш            |     |             |          |              |         |              |  | mir            |          |          |                 | -        |     |       |            | $\dashv$ | Δ,             | rt U       | Init      | ,,,,,       |             | , 141         |         | 11/      |      | <u> </u> |
|       |             |              |          | Ш        | Ш        |        |         |          | Ш            |     |             |          |              |         | -            | .AQ  |                |          |          |                 |          |     |       |            |          |                |            | ,,,,,     | •           |             |               |         |          |      |          |
|       |             |              |          |          |          |        |         | 1        |              |     |             |          |              |         | Ιт           | ari  | fur            | R.       | Cł       | hov             | vdhu     | ur  | v     |            |          | 28             | 371        |           |             |             |               |         |          |      |          |
|       |             |              |          |          |          |        |         |          |              |     |             |          |              |         | <u> </u>     |  |                |          |          |                 |          |     |       |            |          |                |            |           |             |             | _             |         |          |      | _        |
|       |             |              |          |          |          | $\neg$ |         | Γ        | Т            | /1  | hrou        | ah       | nu           | 200     | ral)         |  | 1 1            |          |          |                 |          | _   |       |            | П        |                |            |           |             |             | $\neg$        |         |          |      |          |
|       |             | <b>V</b>     | Re       | ejec     | te       | d      |         | -        | •            | ( ) | C           | anc      | الما<br>مالم | d       | aı           |  |                | N        | N        | n-              | Ele      | ct  | ed    |            | A        |                | Α          | pp        | eal         |             | -             |         |          |      |          |
|       |             | Н            |          |          |          | -      |         | $\vdash$ | +            |     |             | 4110     |              |         |              |  |                | -        |          |                 |          | _   |       |            | H        |                |            |           |             |             | $\dashv$      |         |          |      |          |
|       |             | =            | Α        | llov     | vec      | 4      |         | +        | .            |     | Re          | estr     | icte         | d       |              |  |                | 1        | Ir       | nter            | fere     | n   | се    |            | o        |                | Ob         | iec       | cte         | d           |               |         |          |      |          |
|       |             | Ш            |          |          |          |        |         | L        | $\perp$      |     |             |          |              |         |              |  |                |          |          |                 |          |     |       |            | Ш        |                |            | ,         |             |             |               |         |          |      |          |
|       |             |              |          |          | _        |        |         |          |              | _   | -           |          | _            |         |              |  |                |          |          |                 | _        | Г   |       | • • • •    | 1        |                |            | _         | - 4 -       |             |               |         | _        |      |          |
| Cla   | im          | <del> </del> |          |          | <u> </u> | ate    | _       | _        | _            | 4   | Cla         | aim<br>T | ╀            |         | т-           | <u>,                                    </u> | Date           | •        |          |                 | -        | ŀ   | Cla   | im         | Н        | _              | -          | 1         | ate         | _r          |               |         | 4        |      |          |
| _     | nal         | ဖွ           |          |          |          |        |         |          |              | 1   | <del></del> | Original |              |         |              |  |                |          |          |                 | -        | 1   |       | Original   |          |                | - 1        |           |             | -           |               |         | ł        |      |          |
| Final | Original    | 6/1/06       |          |          |          |        |         |          |              |     | Final       | <u>:</u> |              |         |              |  |                |          | I        |                 | - 1      | 1   | Final | ij         |          |                |            |           |             |             |               |         |          |      |          |
| _     | Õ           | l°           |          |          | -        |        |         |          |              |     | -           | Ō        |              |         | 1            |  |                |          |          |                 |          | 1   | _     | Ō          |          | 1              | -          |           |             |             |               |         | ł        |      |          |
|       | 1           | 7            |          | 十        | 7        | ╅      | 十       | $\top$   | $^{\dagger}$ | 1   |             | 51       | +            | 1       |              |  | П              |          | _        |                 | 7        | t   |       | 101        | П        | $\neg$         |            | 十         | 十           | $\top$      | $\neg$        | 十       | _        |      |          |
|       | 2           | -            |          |          |          |        |         |          |              | ]   |             | 52       |              |         |              |  |                |          | $\Box$   |                 |          |     |       | 102        |          |                | $\Box$     |           | $\Box$      |             | $\Box$        | $\Box$  |          |      |          |
|       | 3           | Ŀ            |          |          |          |        |         |          | $\perp$      | ]   |             | 53       |              |         | L            |  |                |          | _        |                 |          |     |       | 103        | Ш        | $\perp$        |            | _         | $\perp$     | $\bot$      | $\dashv$      | $\perp$ | _        |      |          |
|       | 4           | 1            | $\dashv$ | 4        | 4        | 4      | +       | +        | +            | 4   |             | 54       |              | ╀       | ╀            | $\vdash$                                     | $\square$      | _        | $\dashv$ | -               | _        | ŀ   |       | 104        | Н        | -              | 4          | +         | -           | -           | -             | -       | 4        |      |          |
|       | 5           | 44           | $\vdash$ | +        | $\dashv$ | +      | +       | ┿        | +            | 4   | $\vdash$    | 55<br>56 |              | ╀       | ⊢            |  | Н              |          | $\dashv$ | $\dashv$        | -        | ŀ   |       | 105<br>106 | $\vdash$ | $\dashv$       | +          | +         | +           | -+          | +             | +       | 4        |      |          |
|       | 1 7         | V            | $\dashv$ | +        | +        | ╅      | ┿       | ┿        | +-           | ┨   | <u> </u>    | 57       |              | ╁       | ╀            | $\vdash$                                     | Н              | $\vdash$ | ┥        | $\dashv$        | $\dashv$ | ŀ   |       | 107        | H        | $\dashv$       | +          | $\dashv$  | $\dashv$    | $\dashv$    | $\dashv$      | +       | $\dashv$ |      |          |
|       | 8           | i            |          | 十        | +        | +      | +       | +        | +            | ┥.  |             | 58       |              | +       | †-           | -  |                |          | ᅱ        | -               | -        | t   | _     | 108        | H        | 7              | +          | $\dashv$  | +           | +           | +             | 十       | -        |      |          |
|       | 9           | 1            |          |          |          | T      | 十       | $\top$   | Ť            | 7   |             | 59       | Ť            | T       | $\top$       |  | П              |          | ヿ        |                 |          | ľ   |       | 109        | П        | _              | 7          | 寸         | 7           | 寸           | $\neg$        | $\top$  |          |      |          |
|       | 10          | 1            |          |          |          |        |         |          | T            | ]   |             | 60       |              | 1       |              |  |                |          |          |                 |          |     |       | 110        |          |                |            |           |             |             | $\Box$        |         |          |      |          |
|       | 11          | 1            |          |          |          |        | $\perp$ |          | Ţ.           | ]   |             | 61       |              | $\perp$ |              |  |                |          |          |                 | $\Box$   |     |       | 111        |          |                |            | $\Box$    |             |             |               |         |          |      |          |
|       | 12          | V            |          | 4        | 4        | 4      | 4       | 4        | 1            | 4   |             | 62       |              | ╀       | ┡            | $\vdash$                                     | Ш              |          | _        | $\dashv$        | 4        | L   |       | 112        | Н        | 4              | 4          | 4         | $\dashv$    | 4           | $\rightarrow$ | $\perp$ | 4        |      |          |
|       | 13          | 1            | $\dashv$ |          | -        | -      | -       | +        | +            | 4   |             | 63       |              | ╀       | ╄            |  | Н              |          | $\dashv$ | $\dashv$        | 4        | L   |       | 113        | $\sqcup$ | 4              | 4          | 4         | $\dashv$    | 4           | $\dashv$      | +       | 4        |      |          |
|       | 14<br>15    | 1            | $\dashv$ | +        | +        | +      | +       | +        | +            | ┥   | _           | 64<br>65 |              | ╀       | ╀            | -  | Н              | _        | $\dashv$ | $\dashv$        | $\dashv$ | ŀ   | -     | 114<br>115 | $\vdash$ | -              | +          | +         | +           | +           | +             | +       | $\dashv$ |      |          |
|       | 16          | 1            | -        |          | ┰        |        | +       | ╁        | +            | ┨   |             | 66       |              | ╫       | ╁            | $\vdash$                                     | Н              | $\vdash$ | $\dashv$ | $\dashv$        | $\dashv$ | ŀ   | -     | 116        | ╌┼       | $\dashv$       | $\dashv$   | +         | +           | +           | +             | +       | $\dashv$ |      |          |
| _     | 17          | Ì            | $\dashv$ | $\dashv$ | $\dashv$ | +      | +       | ╁        | +            | 1   | _           | 67       |              | +       | ╁            | H  | Н              |          | _        | $\dashv$        | $\dashv$ | ŀ   |       | 117        | H        | +              | $\dashv$   | $\dashv$  | +           | +           | $\dashv$      | +       | ╡        |      |          |
|       | 18          | Ī            | 一        | _        | 7        | 十      | +       | ╅        | T            | 1   |             | 68       |              | T       | ┪            | T  | П              |          | T        | $\forall$       | $\dashv$ | t   |       | 118        | П        | 7              | 7          | 7         | $\dashv$    | 7           | 十             | 1       | ┪        |      |          |
|       | 19          | 7            |          | 寸        | ┪        | $\top$ | 1       | $\top$   | T            | 7   |             | 69       |              | 1       | $\top$       |  | П              |          | ヿ        | $\Box$          | $\neg$   | T   |       | 119        |          | T              | 寸          | 寸         | $\exists$   | T           | 寸             | T       | ╛        |      |          |
|       | 20          | 1            |          |          |          |        |         |          | T            | ]   |             | 70       |              |         |              |  |                |          |          |                 |          | C   |       | 120        |          |                |            |           |             |             |               |         |          |      |          |
|       | 21          | <b>V</b>     |          | Ţ        | Ţ        | Ţ      |         | T        | $\perp$      | 4   |             | 71       |              | $\perp$ | $oxed{\Box}$ |  | Ш              |          | $\Box$   |                 | _]       |     |       | 121        | Ц        | $\Box$         | $\Box$     | $\perp$   | $\Box$      | $\perp$     | $\Box$        | Т       |          |      |          |
|       | 22          | 1            | _        | _        | 4        |        | $\bot$  | $\perp$  | ╀            | 4   | <u> </u>    | 72       |              | $\bot$  | ╄            | $\vdash$                                     | Ш              | Щ        | _        | $\sqcup$        | _        | L   |       | 122        | $\sqcup$ | 4              | $\perp$    | 4         | 4           | $\dashv$    | $\perp$       | 1       | _        |      |          |
|       | 23          | <b>√</b>     | _        | _        | 4        | _      |         | +        | +            | 4   |             | 73       |              | ╀       | ╄            | $\vdash$                                     | Н              | Ш        | 4        | $\vdash \vdash$ | 4        | L   |       | 123        | Н        | _              | $\dashv$   | 4         | +           | 4           | +             | +       | 4        |      |          |
|       | 24<br>25    | <u> -</u>    |          | +        | 4        | +      |         | +        | +-           | 4   |             | 74<br>75 |              | +       | ╁            | $\vdash$                                     | $\vdash$       |          | 4        | $\dashv$        | -        | ŀ   |       | 124<br>125 | $\vdash$ | $\dashv$       | +          | +         | $\dashv$    | +           | +             | - -     | $\dashv$ |      |          |
|       | 26          | -            |          | -        | +        | +      | +       | +        | ╁            | ┨   | _           | 76       |              | ╀       | ╁            | $\vdash$                                     | $\vdash\vdash$ |          | ᅱ        | $\vdash$        | $\dashv$ | -   |       | 125        | ┝╼┤      | +              | $\dashv$   | +         | +           | +           | +             | +       | $\dashv$ |      |          |
|       | 27          | $\vdash$     | -        | +        | +        |        | +       | +        | +            | ┨   | $\vdash$    | 77       |              | +       | ╁            | $\vdash$                                     | Н              | Н        | $\dashv$ | $\vdash \vdash$ | $\dashv$ | ŀ   |       | 127        | $\vdash$ | $\dashv$       | +          | +         | $\dashv$    | +           | +             | +       | $\dashv$ |      |          |
|       | <del></del> | -            | _        | —⊢       | -        | -      |         | -        |              | -   | <b>—</b>    | 14       |              | _       | 1            |  |                |          | - 1      | 1 I             |          | - 1 |       | 420        | ıl       |                | i_         |           | 1_          | - 1         | - 1           | 1       |          |      |          |